

横断山区虎耳草科和蔷薇科新植物

谷 粹 芝

(中国科学院植物研究所, 北京 100093)

NEW TAXA OF SAXIFRAGACEAE AND ROSACEAE FROM THE HENGDUAN MOUNTAINS

KU TSUE-CHIH

(Institute of Botany, Academia Sinica, Beijing 100093)

Abstract In the present paper, two new species and two new varieties of Saxifragaceae and Rosaceae are described from the Hengduan Mountains. They are *Philadelphus lushuiensis* Ku et S. M. Hwang, *Parnassia lanceolata* Ku var. *oblongipetala* Ku, *P. nubicola* Wall. ex Royle var. *nana* Ku and *Malus muliensis* Ku.

Key words Saxifragaceae; *Philadelphus*; *P. lushuiensis*; *Parnassia*; *P. lanceolata* var. *oblongipetala*; *P. nubicola* var. *nana*; Rosaceae; *Malus*; *M. muliensis*

关键词 虎耳草科; 山梅花属; 泸水山梅花; 梅花草属; 长圆瓣梅花草; 矮云梅花草; 蔷薇科; 苹果属; 木里海棠

1. 泸水山梅花 新种 图 1

***Philadelphus lushuiensis* Ku et S. M. Hwang, sp. nov.**

Species *P. delavayi* Henry affinis, a quo differt foliis subtus dense luteo-brunneo-pubescentibus, apice caudato-acuminatis, margine triangulato-serratis, dentibus apice minute rotundato-apiculatis.

Frutex, ramuli robusti, purpureo-brunnei, glabri. Folia ovata, 5—12 cm longa, 3—6.5 cm lata, apice caudato-acuminata, basi rotundata, margine triangulato-serrata, dentibus apice minute rotundato-apiculatis, supra saturate viridia, sparse pubescentia, subtus pallide viridia, secus nervos dense luteo-brunneo-pubescentia, ceterum sparse luteo-brunneo-pubescentia; petioli c. 5 mm longi, luteo-brunneo-pubescentes. Flores 2.6—2.8 cm diam., 8—12 in cymam racemiformem dispositi; pedicelli c. 5 mm longi, glabri; calycis tubus campanulatus, extus glaber; sepala 4, ovata, c. 5 mm longa, c. 4 mm lata, apice breviter acuminata, extus glabra, intus sparse pubescentia, margine dense luteo-brunneo-pubescentia; petala 4, alba, late obovata vel late obovato-oblonga, c. 1.4 cm longa 9 mm lata, apice rotundata, basi late cuneata vel subrotundata; stamina numerosa, 6—8 mm longa, antheris oblongis, c. 1.5 mm longis; ovarium ovoideum; stylus c. 3.5 mm longus, glaber. Fructus ignotus.



图1 泸水山梅花 *Philadelphus lushuiensis* 1. 花枝 flowering branch;
2. 叶下面之一部分 a part of leaf lower surface(王金凤绘)

Yunnan (云南): Lushui (泸水), alt. 2350m, 1981.05.26, Exped. Hengduanshan (横断山调查队) 002 (holotypus, PE)。

灌木。小枝粗壮,紫褐色,无毛。叶片卵形,长5—12 cm,宽3—6.5 cm,先端尾状渐尖,基部圆形,边缘有三角形锯齿,齿尖有小圆头,上面深绿色,散生黄褐色短柔毛,下面淡绿色,被黄褐色短柔毛,沿脉更密;叶柄长约5 mm,被黄褐色短柔毛。花9—12朵,聚伞花序呈总状排列;花直径2.6—2.8 cm,花梗长约5 mm,无毛;萼筒钟状,外面无毛,萼片4,卵形,长约5 mm,宽约4 mm,先端短渐尖,外面无毛,内面疏被短柔毛,边缘有黄褐色睫毛;花瓣4,白色,宽倒卵形或宽倒卵状长圆形,长约1.4 cm,宽约9 mm,先端圆,基部宽楔形或近圆形;雄蕊多数,长6—8 mm,花药长圆形,长约1.5 mm;子房卵圆形,花柱长约3.5 mm,无毛。果实未见。

本种外部形态和西南山梅花 *P. delavayi* Henry 相近似,唯本种叶片下面被黄褐色短柔毛,先端尾状渐尖,边缘有三角形锯齿,齿尖有突起小圆头而不同。

2. 长圆瓣梅花草 新变种

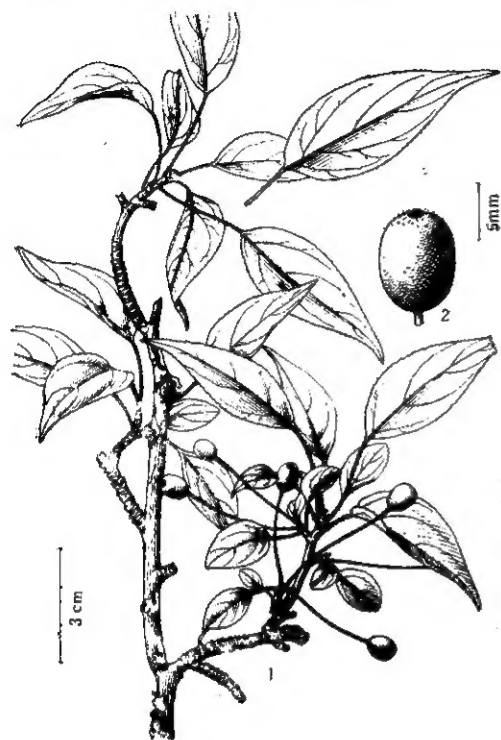


图2 木里海棠 *Malus muliensis* 1. 果枝 fruiting branch; 2. 果实 fruit. (冀朝桢绘)

Parnassia lanceolata Ku var. **oblongipetala** Ku, var. nov.

A typo differt petalis oblongis, apice obtusis.

Yunnan (云南) Eryuan (洱源), alt. 3600 m, 1963. 07. 25, Exped. Jinshajiang (金沙江队) 636105 (holotypus, PE)。

本变种与原变种不同为花瓣长圆形,先端钝。

3. 矮云梅花草 新变种

Parnassia nubicola Wall ex Royle var. **nana** Ku, var. nov.

A typo differt plantis nanis, foliis minoribus c. 2 cm longis, c. 1.5 cm latis, chartaceis.

Yunnan (云南): Dêqên (德钦), alt. 3000—3800 m, 1981. 08. 25, Exped. Hengduanshan (横断山调查队) 3734 (holotypus, PE). **Xizang** (西藏): Zayü (察隅), alt. 4100 m, 1973. 08. 23, Exped. Qinghai-Xizang. (青藏队) 73-1217。

本变种与原变种区别为植株矮小,叶片亦小,长约2 cm,宽约1.5 cm,质地较薄,纸质。

4. 木里海棠 新种 图 2

Malus muliensis Ku, sp. nov. (Sect. *Mulus* ser. *Baccatae* (Rehd.) Rehd.)

Affinis *M. hupehensis* (Pamp.) Rehd., sed foliis ovato-lanceolatis vel late lanceolatis, apice caudato-acuminatis margine obtuse serratis, fructibus oblongis distant.

Arbor decidua, parva, 3—4 m alta. Ramuli teretes atro-cinerei; gemmae purpureo-rubrae, ellipsoideo-ovoideae, apice acutae, squamis aliquot imbricatis, extus vel modo margine pubescentibus. Folia ovato-lanceolata vel late lanceolata, 4—6 cm longa, 1.5—2.3 cm lata, apice caudato-acuminata, basi late cuneata vel subrotundata, margine obtuse denseque serrul supra saturate viridia, ad nervos pilosa, subtus viridula sparse pubescentia, ad costam dense pubescentia; petioli 2—2.5 cm longi, dense pubescentes; stipulae lanceolatae pubescentes, caudae. Fructus oblongi, 6.5—7.5 mm longi, 4.5—5 mm diam., purpureo-rubri; calycis lobis mox deciduis; pedicelli 3—3.5 cm longi, pilosi vel subglabri.

Sichuan (四川): Muli (木里), alt. 3200 m, 1983. 07. 19, Exped. Qinghai-Xizang. 12983 (holotypus PE).

小乔木, 高 3—4 m。小枝圆柱形, 黑灰色; 冬芽紫红色, 椭圆卵球形, 先端急尖, 有数枚鳞片, 外面被毛或仅鳞片边缘被毛。叶片卵状披针形或宽披针形, 长 4—6 cm, 宽 1.5—2.3 cm, 先端尾状渐尖, 基部宽楔形或近圆形, 边缘有浅钝锯齿, 上面深绿色, 无毛, 下面淡绿色, 散生柔毛, 沿中脉较密; 叶柄长 2—2.5 cm, 密被柔毛; 托叶披针形, 被柔毛。果实紫红色, 长圆形, 萼片脱落, 长 6.5—7.5 mm, 直径 4.5—5 mm; 果梗长 3—3.5 cm, 被疏柔毛或近无毛。

本种外形和湖北海棠 *M. hupehensis* (Pamp.) Rehd. 相近似, 唯本种叶片卵状披针形或宽披针形, 先端尾状渐尖, 边缘有浅钝锯齿, 果实长圆形而不同。